

Mathematical Thinking at Grade 1 (Introduction)

Related *SFAW Mathematics* Chapter

Patterns and Readiness for Addition and Subtraction (Chapter 1)

Investigation 1: Exploring Materials

Session 1: Getting Started with Materials
Sessions 2, 3, and 4: Exploring Materials

Investigation 2: Exploring Numbers

Session 1: The Game of Compare
Sessions 2 and 3: Introducing Staircases and Choice Time
Session 4: Seven Peas and Carrots
Sessions 5 and 6: Number Choices

SFAW lessons replaced:

- 1-1 Making 6
- 1-2 Making 7
- 1-5 Problem-Solving Strategy: Use Objects

SFAW lessons to be taught/incorporated:

- 1-8 Comparing Numbers to 5 and to 10
- 1-9 Ordering Numbers Through 12

Investigation 3: Patterns

Session 1: What Comes Next?
Session 2: Clapping Patterns
Sessions 3 and 4: Finding and Making Patterns
Sessions 5 and 6: What Is a Pattern?

SFAW lessons replaced:

- 1-10 Identifying the Pattern Unit
- 1-11 Translating Patterns
- 1-13 Problem-Solving Applications: It's a Party!

Investigation 4: Counting and Combining

Session 1: Collect 15 Together
Sessions 2 and 3: Counting and Combining
Session 4: Eleven Fruits
Session 5: Making Predictions About a Story
Session 6: How Many in All?

SFAW lessons replaced:

- 1-3 Making 8 and 9
- 1-4 Making 10

SFAW lessons to be taught/incorporated:

- 1-6 1 and 2 More Than
- 1-7 1 and 2 Fewer Than

Investigation 5: Data About Our Class

Session 1: Kid Pins
Session 2: Attendance and Other Surveys
Sessions 3 and 4: Inventing Survey Representations
Sessions 5 and 6: How We Got to School Today

SFAW lesson replaced:

- 1-12 Problem-Solving Skill: Use Data from a Picture

End-of-Unit Assessment Options

- Investigations *Assessment Sourcebook*, pp. 2–7
 - *SFAW Mathematics* Chapter 1 Test, Student Book p. 41
 - *SFAW ExamView®* Test Generator: Chapter 1
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